

The following error and warning messages are printed by Function ESP:

1. **ERROR** COMMON BLOCK /FCRUNC/ CANNOT BE FILLED FOR ITYPRN = XX,
AND RUNID = XXXXXXXX.

Action: Check for valid run type and 8-character identifier.
2. **ERROR** COMMON BLOCK /FCSEGN/ CANNOT BE FILLED FOR SEGMENT
XXXXXXXX.

Action: Check accompanying error messages for problem
determination.
3. **ERROR** THE HISTORICAL WATER YEARS MUST BE DEFINED.

Action: Check that the technique HISTWYRS is being used.
4. **ERROR** ILLEGAL RUN TYPE XX.

Action: Check the use of the techniques CGROUP, FGROUP, and ONESEG.
5. **WARNING** START OF WINDOW WAS SET TO START OF RUN.

Action: Correct start date (or start of window) for subsequent
runs.
6. **ERROR** END OF WINDOW WAS LESS THAN START OF WINDOW.

Action: Check start and end date of windows.
7. **ERROR** NO CARRYOVER DATES FOUND AFTER OR AT START DATE AND TIME
OF RUN.

Action: Change start date to one when carryover is available.
8. **WARNING** THE STARTING DATE AND TIME HAVE BEEN CHANGED TO
XX/XX/XXXX XXXX HOURS XXXX.
THIS CORRESPONDS TO THE CLOSEST CARRYOVER DATE AFTER THE REQUESTED
START TIME.

Action: Correct start date for subsequent runs.
9. **ERROR** ERROR CODE RETURNED FROM FGETSG FOR SEGMENT NUMBER XXXXXX.

Action: Check accompanying error messages. Contact your Support
Team.
10. **ERROR** ERROR CODE RETURNED FROM ECHKTS FOR SEGMENT NUMBER XXXXXX
ALL THE NECESSARY TIME SERIES HAVE NOT BEEN DEFINED.

Action: Run program ESPINIT command RUNCHECK run to see what time
series must be defined. Make an ESPINIT run to define all the
necessary time series.

11. ****ERROR** ERROR IN SEGMENT NUMBER XXXXXX
ERROR IN GETTING TECHNIQUES, ARGUMENTS, OR MODS.**

Action: Check accompanying error messages for problem determination. Most likely problem is more MOD cards were entered than are allowed for this segment. Reduce number of MOD cards. If problems continue Contact your Support Team.
12. ****ERROR** ERROR CODE RETURNED FROM FGETCO FOR SEGMENT NUMBER XXXXXX.**

Action: Check accompanying error messages. Contact your Support Team.
13. ****ERROR** ERROR IN LOADING TS DATA FOR SEGMENT NUMBER XXXXXX.**

Action: Check accompanying error messages for problem determination.
14. ****ERROR** ERROR OCCURRED IN DRIVER FOR SEGMENT NUMBER XXXXXX.**

Action: Check accompanying error messages for problem determination.
15. ****ERROR** ERROR OCCURRED IN ETSWT FOR SEGMENT NUMBER XXXXXX.**

Action: Check accompanying error messages for problem determination.
16. ****ERROR** END OF RUN IS LESS THAN START OF RUN.**

Action: Reset start date or end of windows.
17. ****ERROR** THE ACCUMULATOR ARRAY IS NOT LARGE ENOUGH, MA=XXXXX
LENA=XXXXX.**

Action: Resubmit run with fewer windows and run options requested.
18. ****ERROR** TIME SERIES XXXXXXXXX XXXX XXXXX
CONTAINS MISSING DATA FOR XXX/XXXX.**

Action: Correct run times or missing data.
19. ****ERROR** PRECEDING ERROR OCCURRED DURING READ FROM CALIBRATION
FILES.**

Action: Check accompanying error messages for problem determination.
20. ****ERROR** XXXXXXXXX XXXX XXXXX TIME SERIES NOT FOUND.**

Action: Time series could not be found on the scratch or permanent time series files. If the scratch file is used, check that the necessary upstream segments have been simulated. If the permanent file is used, check that the appropriate permanent file is being used and that the creation date is correct.

21. ****ERROR** PERIOD REQUESTED IS BEFORE FIRST DAY OF AVAILABLE DATA
XX/XX/XXXX.**

Action: Check historical water years requested against those stored on the permanent time series file.
22. ****ERROR** PERIOD REQUESTED IS AFTER LAST DAY OF AVAILABLE DATA
XX/XX/XXXX.**

Action: Check historical water years requested against those stored on the permanent time series file.
23. ****ERROR** START OF FORECAST PERIOD IS BEFORE START OF FORECAST
PERIOD ON FILE XX/XX/XXXX.**

Action: Check start date against start of forecast stored on the permanent time series file.
24. ****ERROR** END OF FORECAST PERIOD IS AFTER END OF FORECAST PERIOD ON
FILE XX/XX/XXXX.**

Action: Check the ends of the windows against the end of the forecast stored on the permanent time series file.
25. ****ERROR** HISTORICAL SIMULATED TIME SERIES WAS NOT FOUND ON FILE.**

Action: Turn the HISTSIM technique off.
26. ****ERROR** ADJUSTED SIMULATED TIME SERIES WAS NOT FOUND ON FILE.**

Action: Turn the ADJSIM technique off.
27. ****ERROR** EITHER THE SCRATCH FILE OR THE SCRATCH FILE INDEX IS FULL.**

Action: Subdivide the run by writing the last time series from the first portion of the run to the permanent time series file and using it as input to the second portion or redefine ESP segments marking time series for deletion when they are no longer needed or Contact your Support Team about increasing the size of the scratch file and/or index.
28. ****ERROR** TIME SERIES CAN NOT BE WRITTEN TO THE PERMANENT FILES -
EITHER THE INDEX IS FULL OR THERE IS NOT ENOUGH SPACE.**

Action: Delete time series from the file or use another permanent time series file.
29. ****ERROR** ILLEGAL TS TYPE STORED IN PESP ARRAY.**

Action: Check that time series selected for the output variables are OBS or SIM.
30. ****ERROR** THE ESP SEGMENT ID XXXXXXXXX DOES NOT MATCH THE FORECAST
SEGMENT ID XXXXXXXXX.**

Action: Check that forecast file identifier (in JCL) used is the

same as the ESP file identifier.

31. ****ERROR**** NOT ENOUGH SPACE TO DEFINE TSESP, PESP, OR SPESP ARRAYS.
LTSESP = XXXXX LPESP = XXXXX LSPESP = XXXXX
MTSESP = XXXXX MPESP = XXXXX MSPESP = XXXXX

Action: Reduce the number of options selected or contact your Support Team.

32. ****ERROR**** THE TSESP ARRAY IS INCOMPLETE OR OUT OF ORDER.

Action: Make an ESPINIT run to define all of the necessary time series.

33. ****ERROR**** NUMBER OF YEARS MUST BE GREATER THAN ONE.

Action: Use additional historical water years.

34. ****WARNING**** OPERATION ADJUST-Q XXXXXXXXX USES BOTH INST. AND MEAN DAILY OBSERVED DATA. THE INST. TIME SERIES CAN NOT BE REPLACED. THE REPLACED TIME SERIES WILL BE IGNORED.

Action: None required. Only mean daily data are used for adjusting.

35. ****WARNING**** IDIST HAS INVALID VALUE.

Action: None required. Empirical distribution assumed.

36. ****ERROR**** IN A CALL TO FUNCTION ECDFNI A PROBABILITY VALUE IS OUT OF THE RANGE 0.0 -1.0.

Action: Check input.

37. ****WARNING**** NOT ENOUGH FUTURE DATA. MISSING VALUES USED.

Action: Input additional future data (not required).

38. ****ERROR**** TIME SERIES ID (XXXXXXXX) NOT FOUND.

Action: Check that time series exists on the processed data base.

39. ****ERROR**** MISSING DATA NOT ALLOWED.

Action: Fill in missing data or change the historical water years used.

40. ****WARNING**** BLEND PROCEDURE TRUNCATED FOR TIME SERIES XXXXXXXX
XXXX XX
LAST DAY OF FUTURE DATA USED WAS XX/XX/XXXX XX HRS.

Action: Contact your Support Team if this is not acceptable.